

5-64264.don 09/29/2009 10:15:11 A

BAR SPLICER ASSEMBLIES								
,	Splicer Rod or Dowel Bar Length	Strength Requirements						
			Min. Pull-Out Strength kips - tension					
	1'-8''	14.7	7.9					
	2'-2''	23.0	12.3					
	2'-7''	33.1	17.4					
	3′-5′′	45.1	23.8					
	4′-6′′	58.9	31.3					
	5′-9′′	75.0	39.6					
	7'-3''	95.0	50.3					
	9'-0''	117,4	61.8					

Bar Size	No. Assemblies Required	Location	
#5	354	Deck	
#6	24	Deck	
#7	36	Abutments	
#6	12	Piers	
#4	#4 100		
#5	344	Approach	

BAR SPLICERS ASSEMBLY DETAILS

NO. 26	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
1101 20	74	37-4HB	HENRY	148	62		
HEETS	CONTRACT NO. 64264						
	FED. RC	AD DIST. NO ILLINOIS FED. A	ID PROJECT				